

MICA Cosmetics M

Aspanger Mica is a muscovite-type mica from our own Austrian deposit. More details you can find in the separate product overview-sheet or under www.aspanger.com

General Characteristics	Specific Gravity (g/cm ³) ISO 787/10-1981 Moh's Hardness Whiteness FMY (%) Humidity at 100°C (%) ISO 787/2-1981 pH ISO 787/9-1981 Oil Absorption (g/100g) ISO 787/5-1980 Spec. Surface Area (m ² /g) Loose Bulk Density (g/l)	2,85 2,5 78 < 1 9,5 20 7 500
Chemical Analysis	SiO ₂ Al ₂ O ₃ K ₂ O CaO Fe ₂ O ₃ MgO TiO ₂ Na ₂ O P ₂ O ₅ MnO Loss on ignition	51,5 % 27,0 % 10,0 % 0,4 % 2,9 % 2,8 % 0,4 % 0,2 % 0,2 % 0,03 % 4,57 %
Heavy metal content	As (mg/kg) Sb (mg/kg) Hg (mg/kg) Cd (mg/kg) Pb (mg/kg)	<2 <1 <1 <0,1 <5
Microbiology	Total number of aerobic mesophilic bacteria cfu/g Total yeast and mold cfu/g Total number of aerobic mesophilic microorganisms (bacteria + yeast + molds) cfu/g Specified microorganisms (Pseud. aeruginosa, E.coli, Staph. aureus, Candida albicans)	<10 <10 <1 not detectable

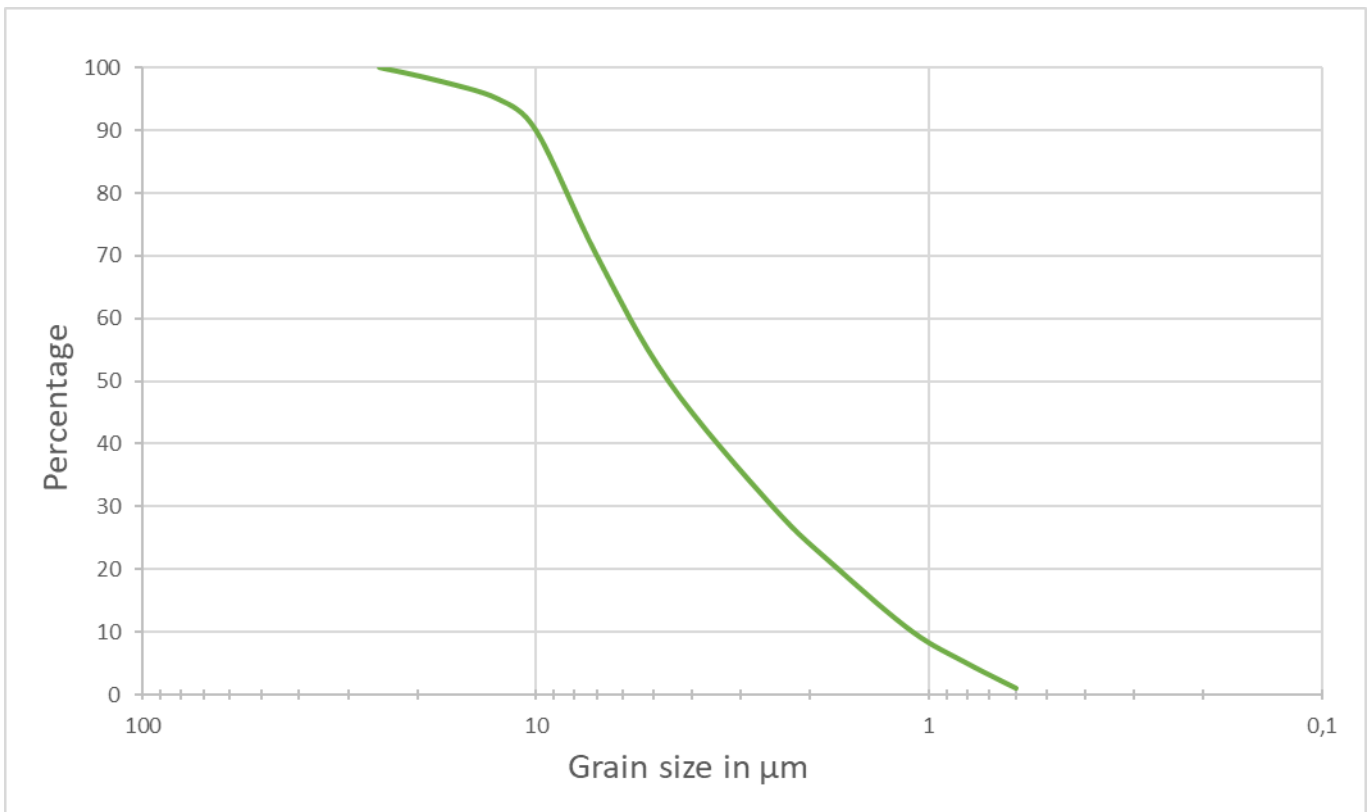


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Particle Size
Distribution
Sedigraph 5120

d98
d90
d50
d30

18,0 µm
10,0 µm
4,6 µm
2,5 µm



Technical information and data described herein are believed to be reliable, but should not be taken as a specification and cannot establish any liability!

Ongoing inspection is carried out by accredited testing laboratory "BAV-INSTITUT".

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